CLAIMS

I claim:

1. A system that senses when the turn signal is active and the vehicle is turning and indicates that the vehicle is turning by varying the frequency and/or intensity with which the turn signal blinks, signaling to other motorists that the vehicle is turning.

2. A system as described in claim 1 further comprising using a microcontroller, or microcontrollers, to take the switching and sensory inputs and output the pulsing sequence to a circuit that drives the turn signal lamps when the vehicle is turning.

3. A system as described in claim 1 further comprising using pulse generators, or other circuits where the duty cycle and amplitude of the output signal is dependent upon analog voltage levels, to output the pulsing sequence to a circuit that drives the turn signal lamps when the vehicle is turning.

4. A system as described in claim 1 further comprising using a shaft position sensor, or other resistive, capacitive or inductive sensor, to determine the amount to alter the frequency or intensity of the turn signal.

5. A system as described in claim 1 further comprising adjusting the turn signal frequency and/or intensity proportionally to the position of the shaft and/or the amount of time the vehicle has been turning.